

[TOP](#)[CAUTION](#)[DISASSEMBLY](#)[FRAME HARNESS](#)[EXPLODE VIEW](#)[CTO](#)

## SERVICE MANUAL

# VGC-RB Series

**For American Area**

**US Model**

**Canadian Model**

**Mexican Model**

**Ver. 6-2005L**

### Revision History

Lineup:	VGC-RB36G	△	VGC-RB43	△	VGC-RB52
	VGC-RB34G	△	VGC-RB42G	△	VGC-RB50
	VGC-RB30	△	VGC-RB46G	△	VGC-RB53
	VGC-RB38G	△	VGC-RB48G	△	VGC-RB57G
	VGC-RB35G	△	VGC-RB41P	△	VGC-RB51P
	VGC-RB33G	△	VGC-RB45G	△	VGC-RB55MGX
	VGC-RB31P	△	VGC-RB40	△	VGC-RB53MGX
	VGC-RB39CP	△	VGC-RB49B	△	VGC-RB51MV
	VGC-RB39CB	△	VGC-RB49	△	VGC-RB52MV
	VGC-RB39C	△	VGC-RB49P	△	VGC-RB50MAV
	VGC-RB15MG	△	VGC-RB49G		
	VGC-RB13M	△	VGC-RB43MG		
	VGC-RB10M	△	VGC-RB41M		
	VGC-RB12M	△	VGC-RB42M		
	△ VGC-RB47G	△	VGC-RB40M		
	△ VGC-RB44G	△	VGC-RB54G		

2005LF00-1

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9-876-530-06



S400



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PERSONAL COMPUTER

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
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In this manual, the (TM) or (R) mark are not specified.

**Service and Inspection Precautions****1. Obey precautionary marking and instruction**

Labels and stamps on the cabinet, chassis, and components identify areas requiring special precautions. Be sure to observe these precautions, as well as all precaution listed in the operating manual and other associated documents.

**2. Use designated parts only**

The computer components possess important safety characteristic, such as noncombustible and the ability to tolerate large voltages. Be sure that replacement parts possess the same safety characteristics as the originals. Also remember that the ( Mark, which appears in circuit diagrams and parts lists, denotes components that have particular important safety functions; be extra sure to use only the designated components.

**3. Always follow the original design when mounting parts and routing wires**

The original layout includes various safety features, such as inclusion of insulation material and the mounting of parts above the motherboard. In addition, internal wiring has been routed and clamped so as to keep it away from hot or high-voltage parts.

When mounting parts or routing wires. Therefore, be sure to duplicate the original layout.

**4. Inspect after completing service**

After servicing, inspect to make sure that all screws, components and wiring have been returned to their original condition. Also check the area around the repair location to ensure that repair work has caused no damage, and confirm safety.

**5. When replacing chip component**

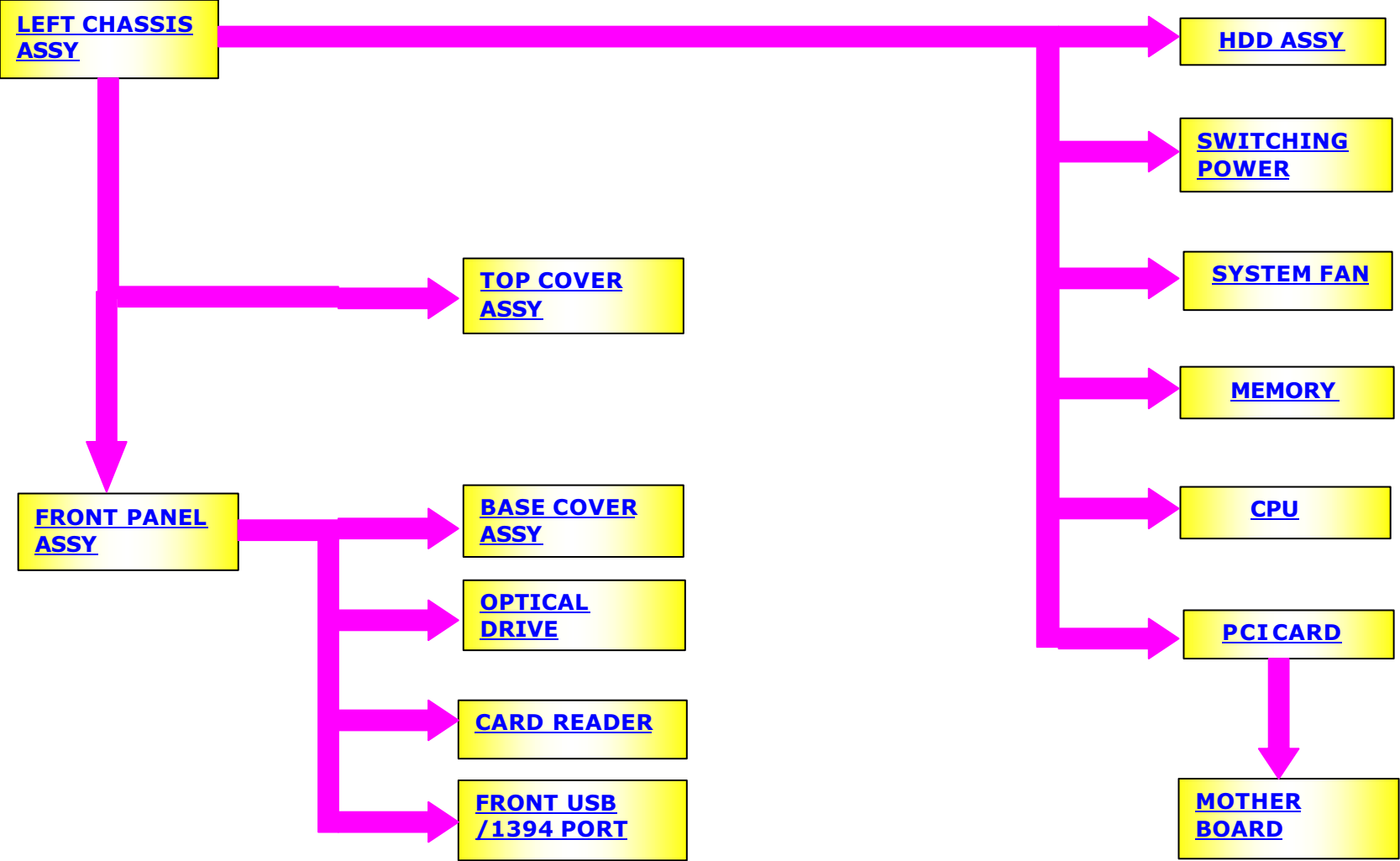
Never reuse components. Also remember that the negative side of tantalum capacitors is easily damaged by heat.

**6. When handling flexible print boards**

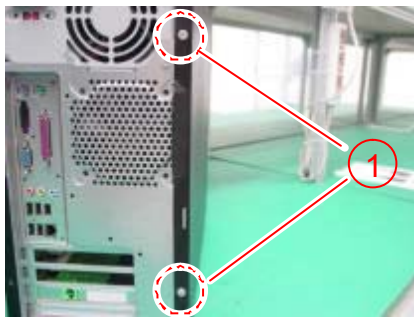
- The temperature of the soldering-iron tip should be about 270°C.
- Do not apply the tip more than three times to the same pattern.
- Handle patterns with care; never apply force.

Caution: Remember that hard disk drives are easily damaged by vibration. Always handle with care.

# DISASSEMBLY FLOW CHART



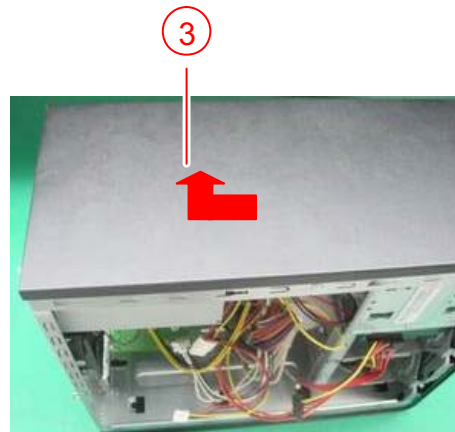
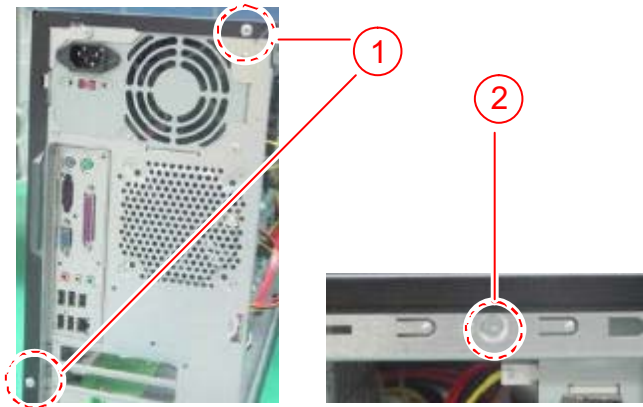
## LEFT CHASSIS ASSY



Procedure to remove

- ① Two screws
- ② Remove the left chassis assy in the direction of arrow

## TOP COVER ASSY



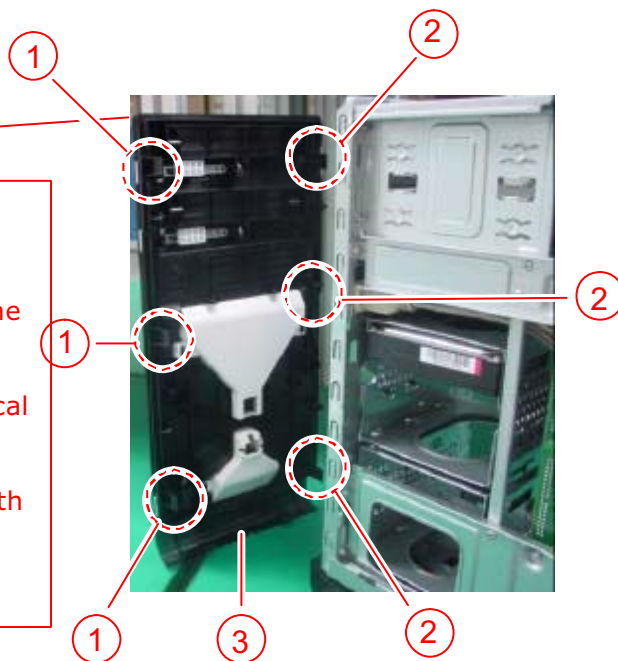
Procedure to remove

- ① Two screws
- ② A screw
- ③ Remove the top cover assy in direction of arrow

## FRONT PANEL ASSY

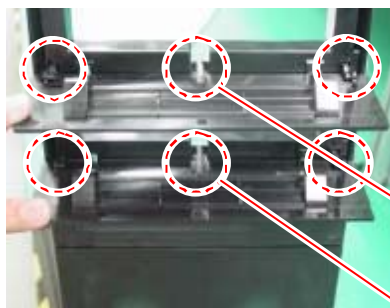


Note: When replacing an optical door cover, please apply an oil to the position shown in the figure to avoid the optical drive sticking upon retraction. Please oil both sides of the hump.  
Oil: LUBRICANT



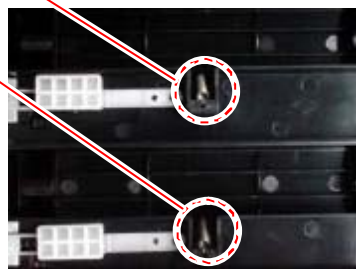
- ① Three claws
- ② Three claws
- ③ Front panel assy

Procedure to remove

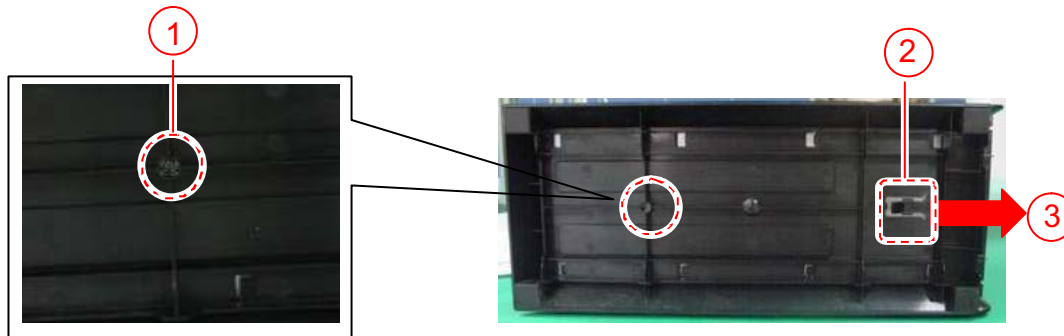


Note: Also apply an oil to the 6 position shown in these photos.  
Place to apply: Door hinges and their compartments.

Place to apply: Springs on upper and lower doors.  
Oil: LUBRICANT



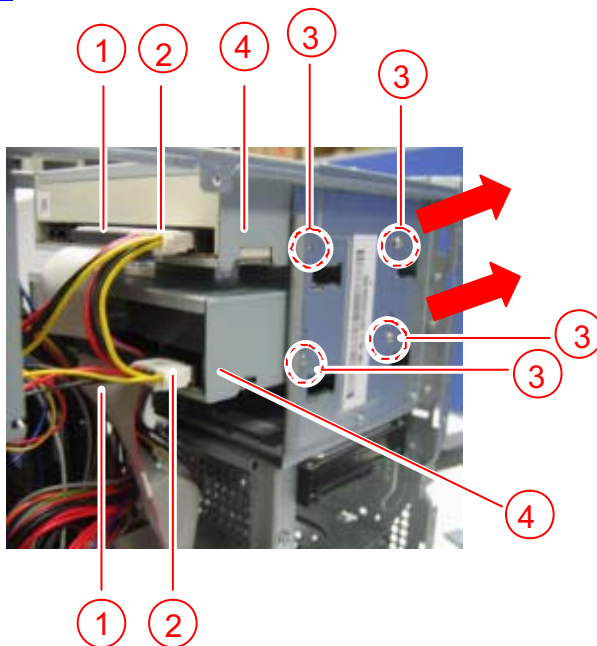
## BASE COVER ASSY



Procedure to remove

- ① A screw
- ② Pull the claw
- ③ Remove the base in the direction of arrow

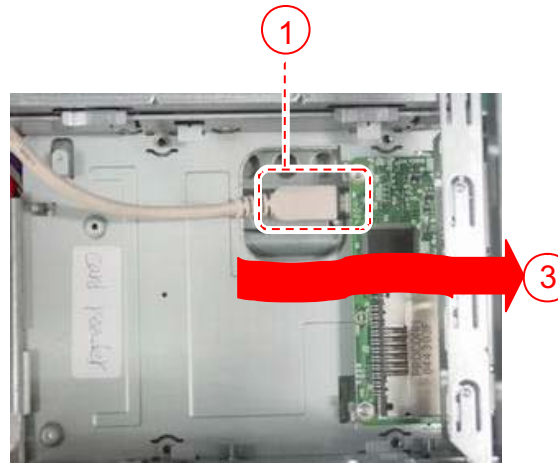
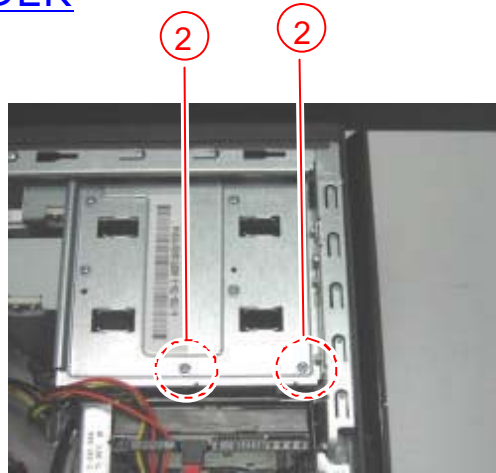
## OPTICAL DRIVE



Procedure to remove

- ① harness (IDE CD-ROM)
- ② harness (power)
- ③ Four screws
- ④ Remove the optical drive in the direction of arrow

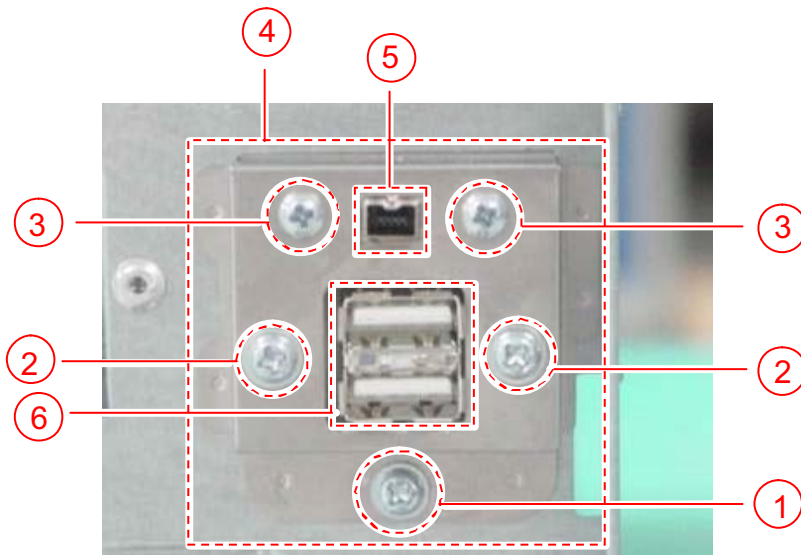
## CARD READER



Procedure to remove

- ① harness (CARD READER)
- ② Two screws
- ③ Remove the CARD READER in the direction of arrow

## FRONT USB /1394 PORT

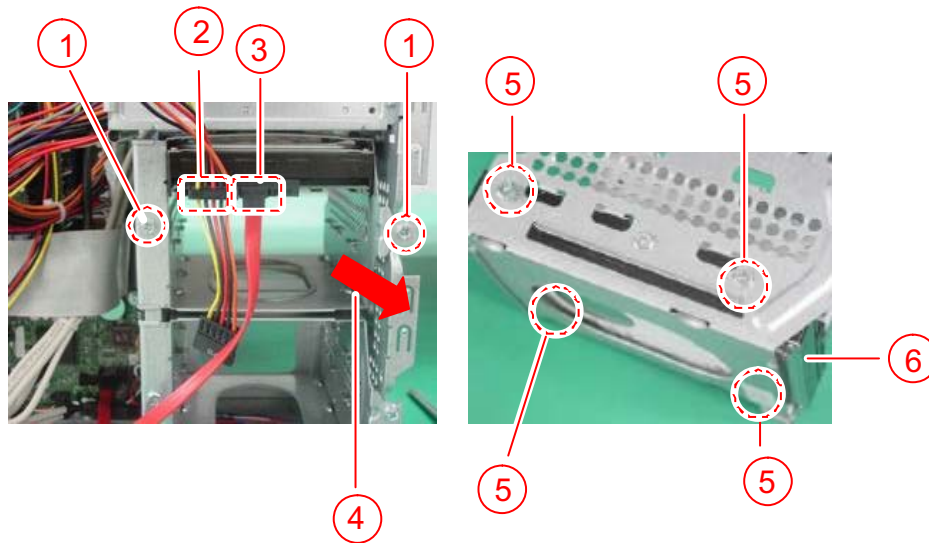


Procedure to remove

- ① A screw
- ② Two screws
- ③ Two screws
- ④ USB Cover
- ⑤ 1394 Port
- ⑥ Front USB Port



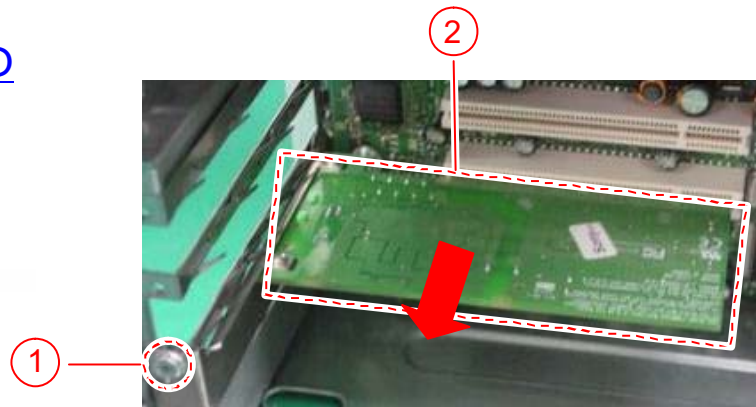
## [HDD ASSY](#)



Procedure to remove

- ① Two screws
- ② harness (power: P5)
- ③ harness (SATA)
- ④ Pull the HDD holder in the direction of arrow.
- ⑤ Four screws
- ⑥ HDD

## [PCI CARD](#)

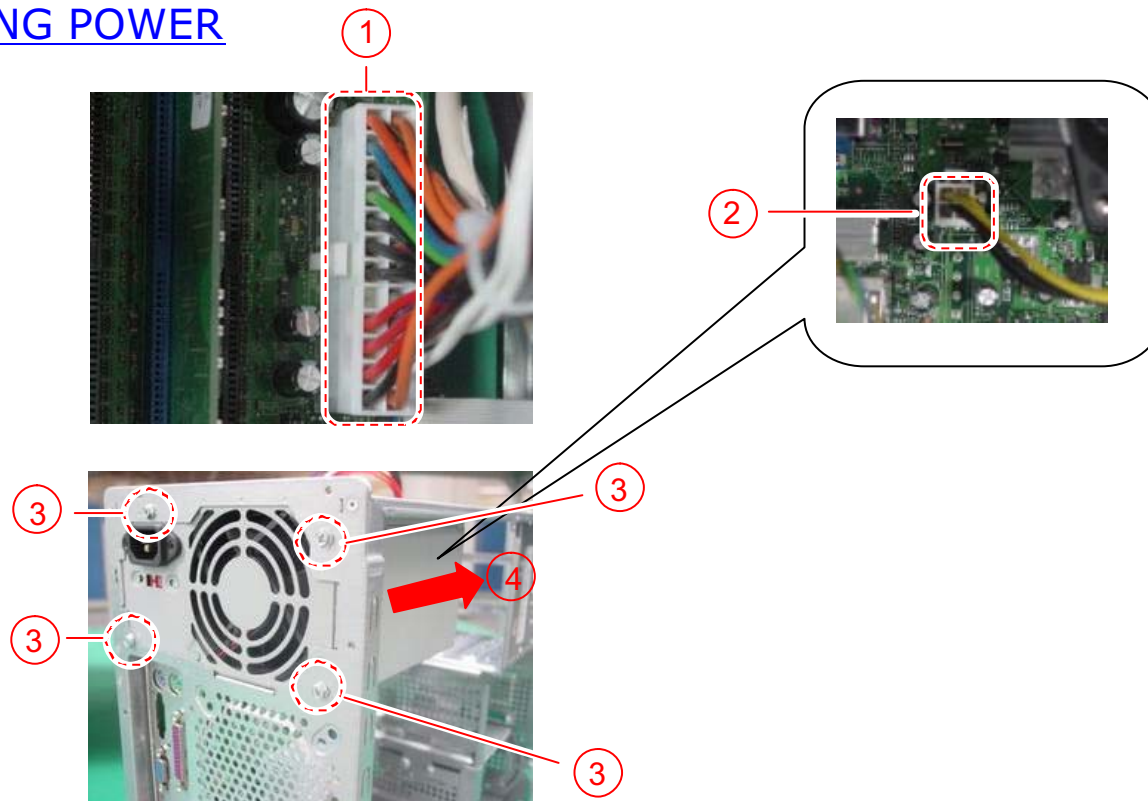


Procedure to remove

- ① A screw
- ② Remove the PCI card in the direction of arrow



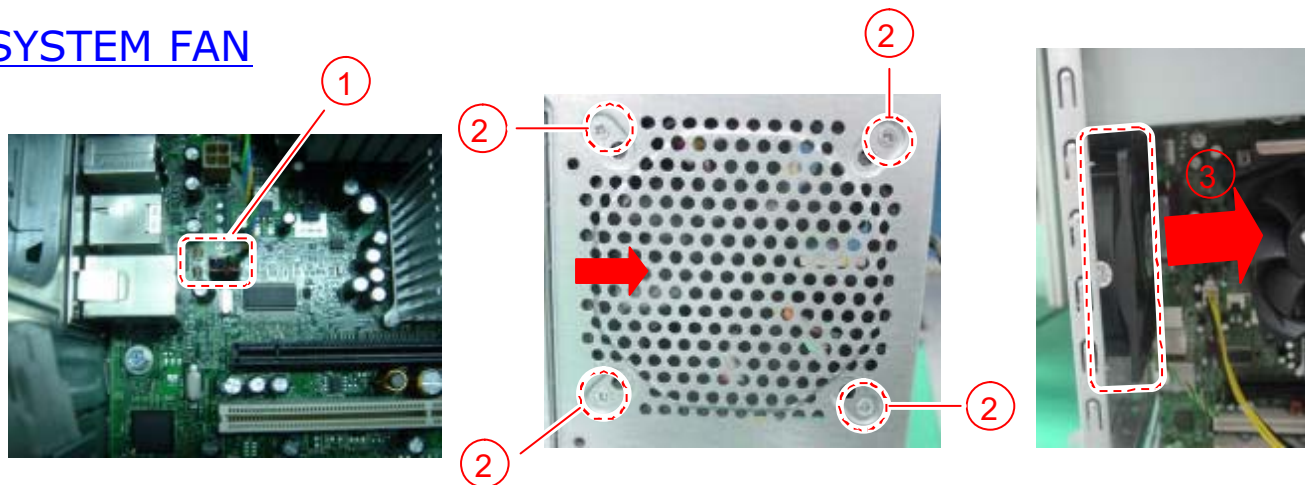
## SWITCHING POWER



Procedure to remove

- ① harness (power: P1)
- ② harness (power: P3)
- ③ Four screws
- ④ Pull out the switching power in the direction of arrow.

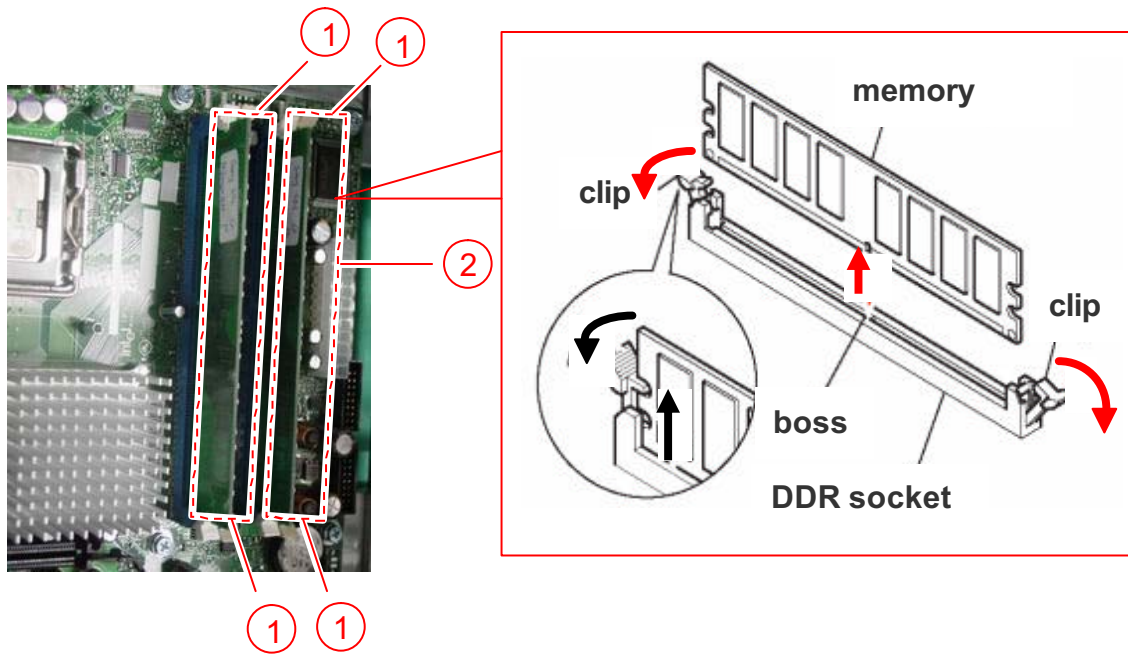
## SYSTEM FAN



Procedure to remove

- ① harness (System Fan)
- ② Four Screws
- ③ Remove System fan in the direction of arrow

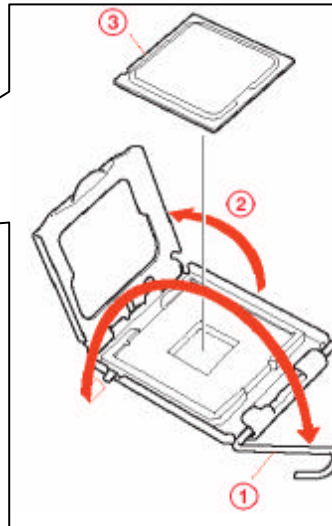
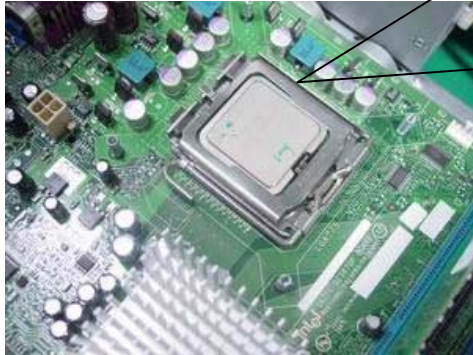
## MEMORY



Procedure to remove

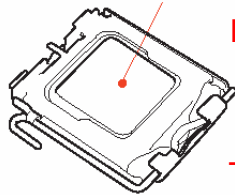
- ① Push down on the two clips at the same time to unlatch the memory
- ② Remove the memory by grasping both ends and pulling straight up.

## [CPU](#)



Procedure to remove

- ① Move the lever around the holder and lift as shown by the arrow
- ② Open the cover in the direction of arrow
- ③ Remove the CPU carefully by picking up at two ends slowly and lifting off the socket. The socket contains pins that can be damaged easily!



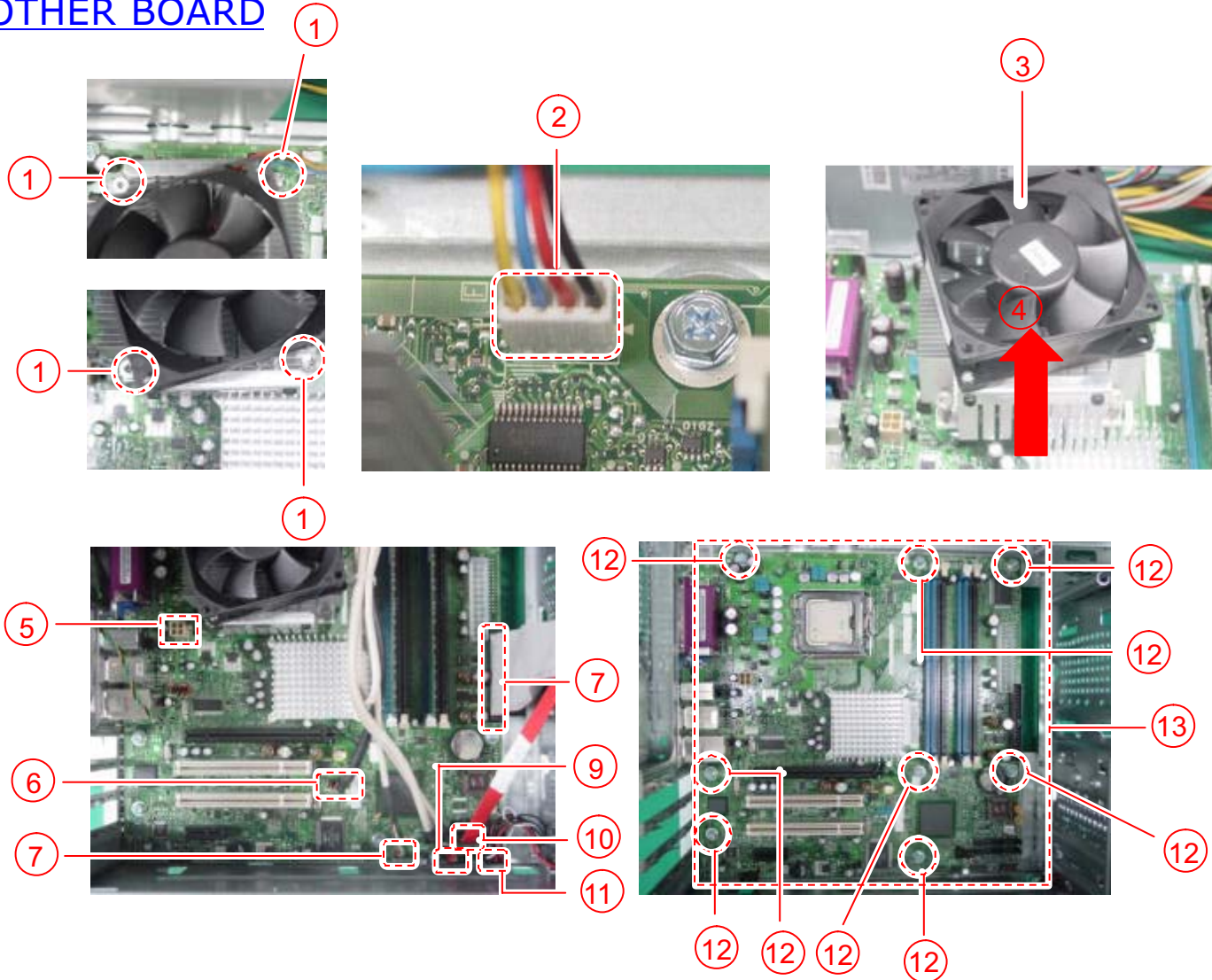
Grease (in the surface at the splatter)

Note: When heat sink is removed from CPU, wipe off the thermal diffusion grease and put new silicon compound to the place shown in the figure.

Thermal diffusion grease : silicon compound (G-765) 90G  
Amount to apply : 0.5g (as the same size as the tip of a match) (Pentium 4)

\*Take care not to apply the grease to any other places because it has high conductivity.

## MOTHER BOARD

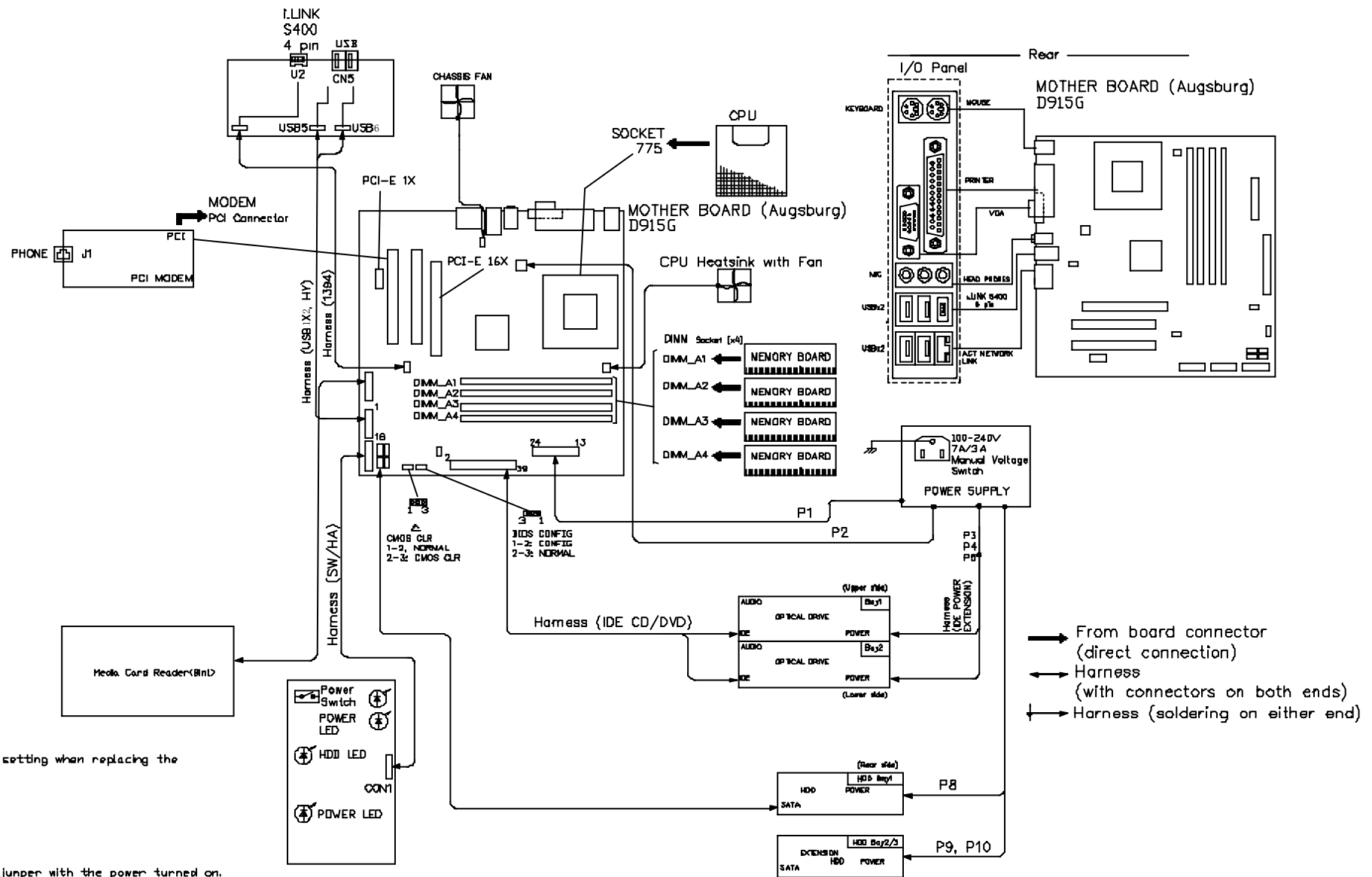


### Procedure to remove

- ① Remove the screws in a criss-cross pattern, loosening 50% on each screw to partially unseat and then repeating to finally remove all screws on the second pass. Removing the screw entirely in any order can damage the CPU and socket.
- ② harness (CPU fan connector)
- ③ DC fan (with heat sink)
- ④ Pull straight up on the CPU fan sink as shown
- ⑤ harness (CPU power :P2)
- ⑥ harness (1394)
- ⑦ harness (FP USB\_1)
- ⑧ harness (IDE)
- ⑨ harness (FP USB\_2)
- ⑩ harness (SATA)
- ⑪ harness (FRONT PANEL)
- ⑫ Eight screws
- ⑬ Mother Board



# MOTHER BOARD ASSY



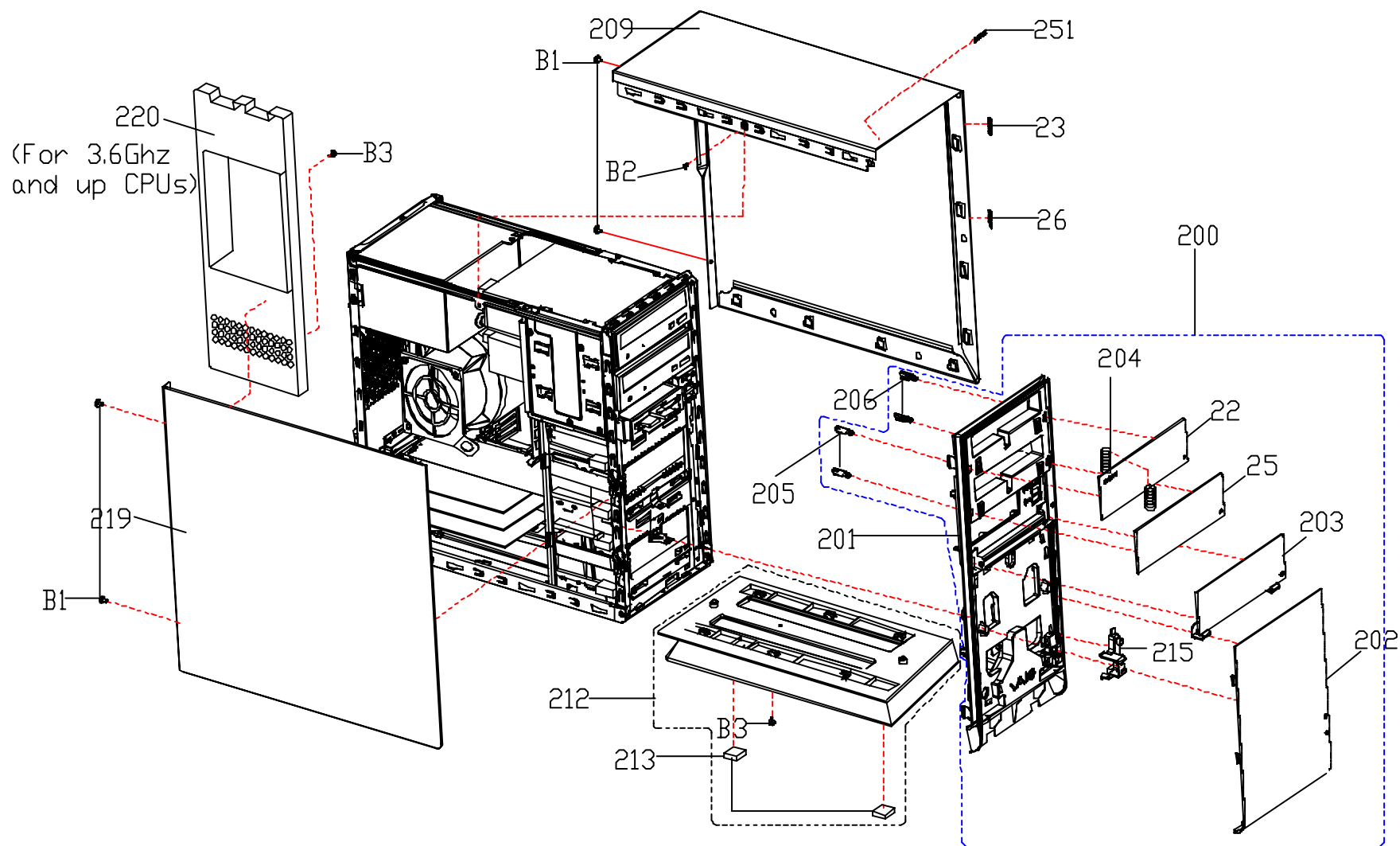
Do not change factory jumper setting when replacing the motherboard with service part.



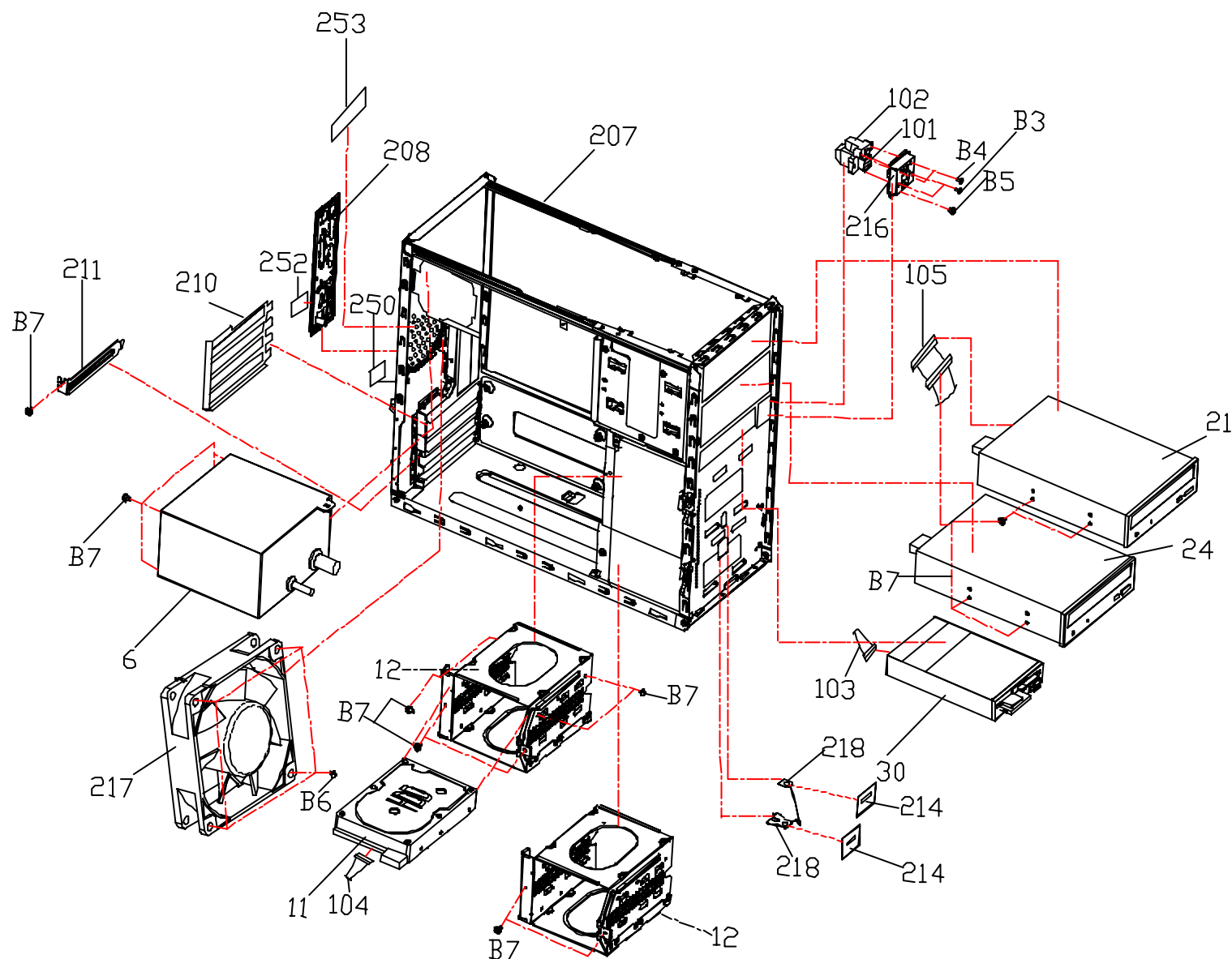
## CAUTION

Do not change the jumper with the power turned on. Before changing the jumper, turn off the power and disconnect the power card from the set.

## COVER SECTION

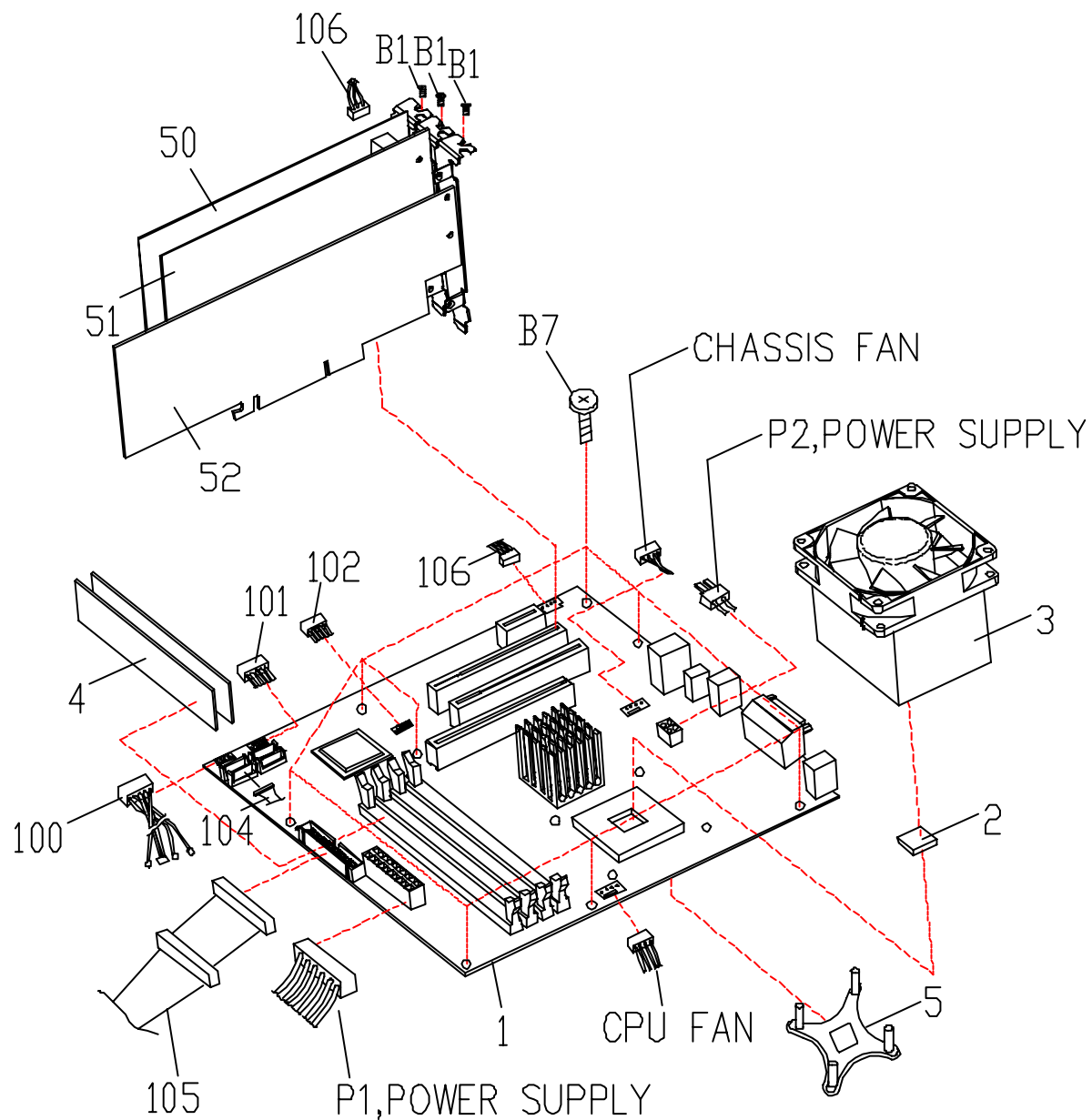


## DRIVE SECTION





## BOARD SECTION



## ACCESSORIES

**900**  
KEYBOARD



**901**  
MOUSE



**902**  
SYSTEM SPEAKER



**902**  
CABLE, AUDIO (VGP-SP4)



**902**  
SPEAKER (SUBWOOFER)



**902**  
SPEAKER (LEFT/RIGHT)



**903**  
CORD, POWER



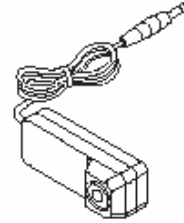
**904**  
IR, RECEIVER



**905**  
REMOTE COMMANDER



**906**  
CONTROLLER, VIDEO



**907**  
CORD (FTYPE RF),  
CONNECTION



**908**  
TV OUT CABLE



**909**  
CABLE, MODEM







## BASIC PARTS LIST

Sale time			2005 Spring												2005 Summer												2005 Fall																				
			AM												AM												AM																				
			US					US CTO		LA					US					US CTO		LA					US					LA															
Ref.No.	Part No.	Description	RB36G	RB34G	RB30	RB38G	RB35G	RB33G	RB31P	RB39CP	RB39CB	RB39C	RB15MG	RB13M	RB10M	RB12M	RB47G	RB44G	RB43	RB42G	RB46G	RB48G	RB41P	RB45G	RB40	RB49B	RB49	RB49P	RB49G	RB43MG	RB41M	RB42M	RB40M	RB54G	RB52	RB50	RB53	RB57G	RB51P	RB55MGX	RB53MGX	RB51MV	RB52MV	RB50MAV	Remarks		
52	1-789-039-71	CARD, VGA (RADEON X300)	●	●		●	●	●		S	S	●					●	●			●	●				S	S	S	S					●				●									
	1-789-183-31	CARD, VGA (RADEON X300)																																●				●									
53	Y-8315-237-A	VGA COVER	●	●			●	●		S	S	S	●				●	●			●	●					S	S	S	S				●			●		●								
54	Y-8315-254-A	VGA COVER SCREW	●	●			●	●		S	S	S	●				●	●			●	●					S	S	S	S				●			●		●								
100	1-963-566-21	FRONT PANEL CABLE																																●	●			●									
	1-963-566-11	FRONT PANEL CABLE																																●	●			●									
101	1-963-569-11	HARNES, USB	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●		
102	1-963-570-11	HARNES, 1394	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
103	1-830-298-11	CABLE, CARD READER	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
104	1-963-531-11	CABLE, S-ATA HARNES (HDD)	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
105	1-963-565-11	CABLE, ODD HARNES (ODD)	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
106	1-963-745-11	HARNES(AUDIO AOI)											●																					●													
200	A-1096-303-A	ASSY, BEZEL, FRONT, HRZN	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●		
201	A-1106-962-A	ASSY,BEZEL,FRONT,HRZN(S)	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
202	2-581-585-01	BEZEL	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
203	2-581-588-01	USB DOOR	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
204	2-581-595-01	OPT DOOR SPRING	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
205	2-581-600-01	LEFT SLIDE	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
206	2-581-601-01	RIGHT SLIDE	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
207	A-1106-963-A	ASSY,BASEPAN,HRZN(S)	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
208	A-1096-307-A	ASSY I/O SHIELDING, HRZN	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
	A-1144-457-A	ASSY I/O SHIELDING, HRZN																																●	●			●									
209	2-581-604-01	TOP COVER	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
210	2-581-616-01	IO EMI SHIELDING	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
211	2-581-619-01	SLOT COVER	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
212	A-1106-964-A	ASSY,BOTTOM COVER(S)	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
213	2-581-621-01	RUBBER FOOT	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
214	2-581-622-01	LED RUBBER	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
215	2-581-645-01	HOLDER	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
216	2-581-628-01	USB COVER	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
217	1-787-304-11	FAN, 92*92*25MM, 3400RPM, FOXCONN	●																																●	●			●								
	1-787-304-51	FAN																																			●		●								
218	2-581-582-01	LED HOLDER(CLED-1D)	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●		●	●	●	●	
219	2-581-646-01	SIDE COVER L	●	●			●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	
220	A-1107-622-A	FAN DUCT BKT ASSY						●																																							

BASIC PARTS LIST

Sale time			2005 Spring												2005 Summer												2005 Fall																			
			AM												AM												AM																			
			US				US CTO		LA						US				US CTO		LA						US				LA															
Ref.No.	Part No.	Description	RB36G	RB34G	RB30	RB38G	RB35G	RB33G	RB31P	RB39CP	RB39CB	RB39C	RB15MG	RB13M	RB10M	RB12M	RB47G	RB44G	RB43	RB42G	RB46G	RB48G	RB41P	RB45G	RB40	RB49B	RB49	RB49P	RB49G	RB43MG	RB41M	RB42M	RB40M	RB54G	RB52	RB50	RB53	RB57G	RB51P	RB55MGX	RB53MGX	RB51MV	RB52MV	RB50MAV	Remarks	
250	2-581-750-01	LABEL, MODEL NUMBER	●	●		●	●	●	●	●	●	●																																		
	2-581-751-01	LABEL, MODEL NUMBER			●																																									
	2-590-521-01	LABEL, MODEL NUMBER											●																																	
	2-590-522-01	LABEL, MODEL NUMBER												●																																
	2-590-523-01	LABEL, MODEL NUMBER													●																															
	2-590-524-01	LABEL, MODEL NUMBER														●																														
	2-630-875-01	LABEL, MODEL NUMBER															●	●	●	●		●	●	●	●		●	●	●	●																
	2-630-842-01	LABEL, MODEL NUMBER																		●						●																				
	2-630-878-01	LABEL, MODEL NUMBER																													●															
	2-631-269-01	LABEL, MODEL NUMBER																														●														
	2-630-879-01	LABEL, MODEL NUMBER																															●													
	2-630-880-01	LABEL, MODEL NUMBER																																●												

BASIC PARTS LIST

Sale time			2005 Spring												2005 Summer												2005 Fall																						
			AM												AM												AM																						
			US					US CTO	LA						US					US CTO	LA						US					AM	LA																
Ref.No.	Part No.	Description	RB36G	RB34G	RB30	RB38G	RB35G	RB33G	RB31P	RB39CP	RB39CB	RB39C	RB15MG	RB13M	RB10M	RB12M	RB47G	RB44G	RB43	RB42G	RB46G	RB48G	RB41P	RB45G	RB40	RB49B	RB49	RB49P	RB49G	RB43MG	RB41M	RB42M	RB40M	RB54G	RB52	RB50	RB53	RB57G	RB51P	RB55MGX	RB53MGX	RB51MV	RB52MV	RB50MAV	Remarks				
251	2-581-752-01	ID LABEL	●																																														
	2-581-752-11	ID LABEL		●																																													
	2-581-753-01	ID LABEL			●																																												
	2-581-752-21	ID LABEL				●																																											
	2-581-752-31	ID LABEL					●																																										
	2-581-752-41	ID LABEL						●																																									
	2-581-752-61	ID LABEL							●																																								
	2-591-109-01	LABEL, ID								●																																							
	2-591-109-11	LABEL, ID									●																																						
	2-591-109-21	LABEL, ID										●																																					
	2-582-521-01	ID LABEL											●																																				
	2-582-521-11	ID LABEL												●																																			
	2-582-521-21	ID LABEL													●																																		
	2-582-521-31	ID LABEL														●																																	
	2-635-228-71	ID LABEL															●																																
	2-630-883-01	ID LABEL																●																															
	2-630-883-11	ID LABEL																	●																														
	2-630-837-01	ID LABEL																		●																													
	2-630-883-21	ID LABEL																			●																												
	2-630-883-31	ID LABEL																				●																											
	2-630-883-51	ID LABEL																					●																										
	2-630-883-41	LABEL, ID																						●																									
	2-630-839-01	LABEL, ID																							●																								
	2-635-228-31	LABEL, ID																								●																							
	2-635-228-41	ID LABEL																									●																						
	2-635-228-51	ID LABEL																										●																					
	2-635-228-81	ID LABEL																											●																				
	2-630-883-81	ID LABEL																												●																			
	2-635-228-01	ID LABEL																													●																		
	2-635-228-11	ID LABEL																														●																	
	2-635-228-21	ID LABEL																															●																
	2-660-467-01	ID LABEL																																●															
	2-660-468-01	ID LABEL																																	●														
	2-649-233-01	ID LABEL																																		●													
	2-649-234-01	ID LABEL																																			●												
	2-660-469-01	ID LABEL																																				●											
	2-660-478-01	ID LABEL																																					●										
	2-660-488-01	ID LABEL																																						●									
	2-660-489-01	ID LABEL																																							●								
	2-660-491-01	ID LABEL																																								●							
	2-660-492-01	ID LABEL																																									●						
	2-660-490-01	ID LABEL																																										●					



BASIC PARTS LIST

Sale time			2005 Spring												2005 Summer												2005 Fall																								
			AM												AM												AM																								
			US						US CTO			LA			US						US CTO			LA			US						LA																		
Ref.No.	Part No.	Description	RB36G	RB34G	RB30	RB38G	RB35G	RB33G	RB31P	RB39CP	RB39CB	RB39C	RB15MG	RB13M	RB10M	RB12M	RB47G	RB44G	RB43	RB42G	RB46G	RB48G	RB41P	RB45G	RB40	RB49B	RB49	RB49P	RB49G	RB43MG	RB41M	RB42M	RB40M	RB54G	RB52	RB50	RB53	RB57G	RB51P	RB55MGX	RB53MGX	RB51MV	RB52MV	RB50MAV	Remarks						
252	4-649-870-11	LABEL (ETHER), CAUTION	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
	4-654-836-01	LABEL (ETHER), CAUTION																																																	
253	4-678-118-01	DVD LICENSE STICKER	●	●		●	●	●					●				●	●			●	●					S	S	S	S						●					●										
	2-653-112-01	DVD LICENSE STICKER																																																	
B1	2-581-580-01	SCREW, 6-32#	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
B2	2-581-623-01	FLAT SCREW, M3X6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
B3	2-581-581-01	SCREW, M3X6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
B4	2-590-505-01	SCREW 4-40#	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
B5	2-591-516-01	SCREW, M3X4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
B6	2-581-579-01	FAN SCREW	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
B7	2-590-504-01	SCREW 6-32# W/SERRTIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

# ACCESSORIES & PACKING MATERIALS

Sale time			2005 Spring												2005 Summer												2005 Fall																									
			AM												AM												AM																									
			US					US CTO			LA				US						US CTO			LA			US					LA																				
Ref.No.	Part No.	Description	RB36G	RB34G	RB30	RB38G	RB35G	RB33G	RB31P	RB39CP	RB39CB	RB39C	RB15MG	RB13M	RB10M	RB12M	RB47G	RB44G	RB43	RB42G	RB46G	RB48G	RB41P	RB45G	RB40	RB49B	RB49	RB49P	RB49G	RB43MG	RB41M	RB42M	RB40M	RB54G	RB52	RB50	RB53	RB57G	RB51P	RB55MGX	RB53MGX	RB51MV	RB52MV	RB50NAV	Remarks							
900	1-477-805-31	KEYBOARD (US)	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●													
	1-478-084-31	KEYBOARD (LA)											●	●	●	●		●	●			●									●	●	●	●	●	●																
901	1-797-026-41	MOUSE (USB)	●	●		●	●	●	●		●	●			●	●	●	●	●		●		●	●			●	●	●	●		●	●	●	●	●			●	●	●	●	●	●	●							
	1-797-194-11	MOUSE			●															●					●								●	●	●	●	●	●														
902	1-826-059-11	SYSTEM SPEAKER (BOX TYPE) VGP-SP3	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●								
	1-826-059-21	SYSTEM SPEAKER (BOX TYPE) VGP-SP3														●																●											●									
	9-885-097-20	CABLE, AUDIO (VGP-SP4)																																													●					
	9-885-097-18	SPEAKER (SUBWOOFER)																																													●					
	9-885-097-16	SPEAKER (LEFT)																																													●					
	9-885-097-17	SPEAKER (RIGHT)																																													●					
903	1-830-300-11	CORD, POWER	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
904	1-478-297-32	IR RECEIVER	●	●		●	●	●										●	●		●	●	●	●					●						●																	
	1-478-297-33	IR RECEIVER																															●						●													
	1-477-218-61	RAY-CATCHER UNIT										●																				●																				
905	1-479-087-11	REMOTE COMMANDER (RM-MC10)	●	●		●	●	●										●	●		●	●	●	●										●				●														
	1-479-183-11	REMOTE COMMANDER (RM-VC10U)										●																				●									●											
906	1-417-421-21	CONTROLLER, VIDEO	●	●		●	●	●										●	●		●	●	●		●									●				●														
907	1-757-518-11	CORD (FTYPE RF), CONNECTION	●	●		●	●	●					●																																							
	1-783-801-32	CORD, CONNECTION																																																		
908	1-827-465-11	TV OUT CABLE	●	●		●	●	●					●																																							
909	1-782-207-12	CABLE, MODEM											●	●	●	●																			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

# SUBSTITUTION PARTS LIST

## NOTE:

The number of '1', '2' and '4' are the quantity at the time of preinstallment.

In case of the 'S' mark, please refer to the respectively different CTO list.

Sale time			2005 Spring												2005 Summer												2005 Fall																							
			AM												AM												AM																							
			US						US CTO			LA			US						US CTO			LA			US						LA																	
Ref.No.	Part No.	Description	RB36G	RB34G	RB30	RB38G	RB35G	RB33G	RB31P	RB39CP	RB39CB	RB39C	RB15MG	RB13M	RB10M	RB12M	RB47G	RB44G	RB43	RB42G	RB46G	RB48G	RB41P	RB45G	RB40	RB49B	RB49	RB49P	RB49G	RB43MG	RB41M	RB42M	RB40M	RB54G	RB52	RB50	RB53	RB57G	RB51P	RB55MGX	RB53MGX	RB51MV	RB52MV	RB50MAV	Remarks					
1	A-1106-960-A	ASSY, M/B LEADED W/COOLER BACK PLATE															●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																	
	A-1106-961-A	ASSY, M/B LEAD FREE W/COOLER BACK PLATE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																																	
2	6-708-525-01	CPU(P4/3.40G/8J5)																									S	S	S	S																				
	6-708-526-01	CPU(P4/3.20G/8J2)																													●																			
	6-708-527-01	CPU(P4/3.0G/8HZ)																							●		S	S	S	S		●	●																	
	6-708-529-01	CPU(P4/3.06G/7TY)																									S	S	S	S				●																
	6-708-530-01	CPU(CEL/2.8G/7TW)																									S	S	S	S																				
3	A-1153-896-A	HEAT SINK(COOLMASTER) ASSY																																	●	●		●								Combine with No.5				
4	6-600-426-01	DDR 512MB (M368L6423FUN-CCC)	2			2	2	2		S	S	S					2	2	2	2	2	2	2	2	2	S	S	S	S																					
	6-600-428-01	DDR 512MB (V826664K24SCIW-D3)	2			2	2	2		S	S	S					2	2	2	2	2	2	2	2	2	S	S	S	S																					
	6-600-427-01	DDR 256MB (M368L3223FUN-CCC)		2	2				2	S	S	S	2	●	●	●							2		2	S	S	S	S	2	1	2	1																	
	6-600-490-01	DDR 256MB (HYS64D32301HU-5-C)																																		2	2		2			2	2	2	1					
	6-600-425-01	DDR 256MB (V826632K24SCIW-D3)		2	2				2	S	S	S	2	●	●	●								2		2	S	S	S	S	2	1	2	1			2	2		2			2	2	2	1				
	6-600-435-01	DDR 256MB (EBD25UC8AKFA-5C-E)																					2		2	S	S	S	S	2	1	2	1																	
	6-600-458-01	DDR2 512MB (EBE51UD8AEFA-5C-E)																																		2	2		2											
	6-600-486-01	DDR2 512MB (M378T6553CZ3-CD5)																																		2	2		2											
	6-600-487-01	DDR2 256MB (M378T3354CZ3-CD5)																																																
	6-600-493-01	DDR2 256MB (MT4HTF3264AY-53EB1)																																																
5	2-659-775-01	COOLER BACK PLATE (COOLMASTER)																																	●	●		●									Combine with No.3			
6	1-468-901-11	POWER SUPPLY 305W HP-P3087F3 HIPRO																●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	1-468-901-21	POWER SUPPLY 305W ATX-300-12EB3 BESTEC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	1-468-901-31	POWER SUPPLY 305W DPS-300AB-12A DELTA	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		

Sale time			2005 Spring												2005 Summer												2005 Fall																					
			AM												AM												AM																					
			US						US CTO		LA				US						US CTO		LA				US						LA															
Ref.No.	Part No.	Description	RB36G	RB34G	RB30	RB38G	RB35G	RB33G	RB31P	RB39CP	RB39CB	RB39C	RB15MG	RB13M	RB10M	RB12M	RB47G	RB44G	RB43	RB42G	RB46G	RB48G	RB41P	RB45G	RB40	RB49B	RB49	RB49P	RB49G	RB43MG	RB41M	RB42M	RB40M	RB54G	RB52	RB50	RB53	RB57G	RB51P	RB5MGX	RB53MGX	RB51MV	RB52MV	RB50MAV	Remarks			
11	1-797-086-11	HDD (W-CVXL107-S/WD3000JD-98KLB0/300GB)																				●	●																									
	1-796-919-11	HDD (M-CALYPSO-S/7Y250M0/250GB)				●	●	●																																								
	1-796-919-21	HDD (M-CALYPSO-S/7Y250M0/250GB)				●	●	●																																								
	1-796-918-12	HDD (HG-VC3-S/HDS722525VLSA80/250GB)				●	●	●										●	●		●						S	S	S	S																		
	1-796-919-22	HDD (M-CALYPSO-S/7Y250M02671BD/250GB)																●	●		●						S	S	S	S																		
	1-797-075-11	HDD (W-CVXL80-2-S/250GB)																	●	●		●					S	S	S	S																		
	1-797-075-21	HDD (W-CVXL80-2-S/WD2500JD-98HBC0/250GB)				●	●	●																																								
	1-797-087-21	HDD (M-SBR-S/7B250S00665BD/250GB)																	●	●		●					S	S	S	S																		
	1-796-918-21	HDD (HG-VC3-S/HDS722525VLSA80/250GB)																	●	●		●																										
	1-796-942-11	HDD (M-CALYPSO-S/6Y200M0/200GB)		●	●	●				●																																						
	1-796-942-21	HDD (M-CALYPSO-S/6Y200M0/200GB)		●	●	●				●																																						
	1-796-978-11	HDD (S-APLUS-S/ST3200822AS/200GB)		●	●	●				●																	S	S	S	S																		
	1-797-076-11	HDD (W-CVXL80-2-S/WD2000JD-98HB80/200GB)																	●								S	S	S	S																		
	1-797-076-21	HDD (W-CVXL80-2-S/WD2000JD-98HBC0/200GB)		●	●	●				●																																						
	1-796-942-22	HDD (6Y200M02671BA/200GB)																									S	S	S	S																		
	1-797-088-11	HDD (M-SBR-S/6B200M00464BA/200GB)																									S	S	S	S																		
	1-797-263-11	HDD (SA-P120-S/SP2004C/200GB)																									S	S	S	S																		
	1-796-943-11	HDD (M-CALYPSO-S/6Y160M0/160GB)									S	S	S	●																																		
	1-796-943-21	HDD (M-CALYPSO-S/6Y160M0/160GB)									S	S	S	●																																		
	1-796-945-12	HDD (HG-VC3-S/HDS722516VLSA20/160GB)									S	S	S	●													S	S	S	S		●																
	1-796-943-22	HDD (6Y160M02471BA/160GB)																									S	S	S	S		●																
	1-797-077-11	HDD (W-CVXL-80-2-S/WD1600JD-98HB80/160GB)																									S	S	S	S		●																
	1-797-077-21	HDD (W-CVXL80-2-S/WD1600JD-98HBC0/160GB)									S	S	S	●													S	S	S	S		●																
	1-797-255-11	HDD (M-SBR-S/160GB)																									S	S	S	S		●																
	1-796-945-21	HDD (HG-VC3-S/160GB)																									S	S	S	S		●																
	1-797-190-11	HDD (M-CALYPSO-S/6Y120M0/120GB)													●																																	
	1-797-190-21	HDD (M-CALYPSO-S/6Y120M0/120GB)													●																																	
	1-797-189-11	HDD (M-CALYPSO-S/6Y080M0/80GB)									S	S	S		●	●																																
	1-797-189-21	HDD (M-CALYPSO-S/6Y080M0/80GB)									S	S	S		●	●																																
	1-797-176-11	HDD (W-CVXL80SD2-S/WD800JD-98HB80/80GB)																									S	S	S	S			●	●	●													
	1-797-176-21	HDD (W-CVXL80SD2-S/WD800JD-98JNC0/80GB)									S	S	S		●	●												S																				
	1797-189-22	HDD (6Y080M08271BA/80GB/7200)																									S	S	S	S			●	●	●													
	1-797-260-11	HDD (6B080M00264BA/80GB/7200)																									S	S	S	S			●	●	●													
	1-797-087-21	HDD/M-SBR-S,7L250S00573BD (250GB), MAXTOR																																														
	1-797-196-11	HDD/S-TONKA-S,ST3250823AS (250GB),SEAGATE																																														
	1-797-324-11	HDD/SA-P120-S,SP2504C (250GB), SAMSUNG																																														
1-797-088-21	HDD/M-SBR-S, 6L200M00464BA (200GB), MAXTOR																																															
1-797-255-21	HDD/M-SBR-S,6L160M00372BA (160GB), MAXTOR																																															
1-797-341-11	HDD/S-AYUMA-S, ST3160023AS (160GB), SEAGATE																																															
1-797-260-21	HDD/M-SBR-S, 6L080M0 (80GB), MAXTOR																																															
1-797-368-11	HDD/S-AYUMA-S, ST380013AS (80GB), SEAGATE																																															

SUBSTITUTION PARTS LIST

Sale time			2005 Spring												2005 Summer												2005 Fall																				
			AM												AM												AM																				
			US					US CTO			LA				US						US CTO			LA			US					LA															
Ref.No.	Part No.	Description	RB36G	RB34G	RB30	RB38G	RB35G	RB33G	RB31P	RB39CP	RB39CB	RB39C	RB15MG	RB13M	RB10M	RB12M	RB47G	RB44G	RB43	RB42G	RB46G	RB48G	RB41P	RB45G	RB40	RB49B	RB49	RB49P	RB49G	RB43MG	RB41M	RB42M	RB40M	RB54G	RB52	RB50	RB53	RB57G	RB51P	RB55MGX	RB53MGX	RB51MV	RB52MV	RB50MAV	Remarks		
21	1-797-062-21	DRIVE, DVD+-RW/P108-F	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●														
	8-457-604-90	DRIVE, DVD +/-RW DW-D22A-VG																●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
	8-457-676-20	DRIVE, DVD +/-RW 16X/DW-Q28A-VH																●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	1-797-367-11	DVD+-RW/X16, P-110-F, PIONEER																																	●	●	●	●	●	●	●	●	●	●	●	●	
24	1-796-963-21	DVD-ROM/SA-616-F	●	●		●	●	●		S	S	S					●	●			●	●	●	●	●	S	S	S	S						●	●											
	8-449-651-10	DVD-ROM/16X/48X/DDU1615-VF															●	●			●	●	●	●	●	S	S	S	S					●	●			●	●								
	1-797-321-11	CD-ROM/BTC-F565E																		●																		●	●								
30	1-789-138-11	CARD READER																																	●	●	●	●	●	●	●	●	●	●	●	●	●
51	A-1057-182-A	AOI (US H/B MCE) W/CARTON ASSY																																●													
	A-1057-183-A	AOI (US/MX H/B) W/CARTON ASSY																																													
52	1-789-039-31	CARD, VGA (RADEON X300)	●	●		●	●	●		S	S	S	●																																		
217	1-787-304-21	FAN	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●		●		●	●	●	●	●	
	1-787-304-31	FAN	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●		●		●	●	●	●	●	
	1-787-304-41	FAN																																●	●			●									
252	4-654-836-01	LABEL (ETHER), CAUTION	●	●	●	●	●	●	●	●	●	●	●	●	●	●																															

# CTO INFORMATION

## BASIC PARTS LIST

The parts in the "BASIC LIST" will be referred to as part list.

The part order should be taken place based on the part number in the list.

**VGC-RB39C (XP Home)**

**VGC-RB39CP (XP Pro)**

**VGC-RB39CB (XP Pro SMB)**

### Ref.No.2 CPU

<b>Cel 2.8</b>
6-707-804-01
CPU(CEL/2.80G/7TN)

### **P4 2.8**

6-707-756-01
CPU(P4/2.80EG/7PR)

### **P4 3.0**

6-707-377-01
CPU(P4/3EG/7PU)

### **P4 3.2**

6-707-376-01
CPU(P4/3.20EG/7PW)

### Ref.No.4 Memory

<b>256MB</b>
6-600-387-01
DDR 256MB (HYS64D32300HU-5-C)

### **512MB (256x2)**

6-600-387-01
DDR 256MB (HYS64D32300HU-5-C)

### **1GB (512x2)**

6-600-388-01
DDR 512MB (HYS64D64320HU-5-C)

### Ref.No.11 HDD

<b>80GB SATA</b>
1-797-176-11
HDD (W-CVXL80SD2-S/WD800JD/80GB)

### **160GB SATA**

1-797-077-11
HDD (W-CVXL80-2-S/WD1600JD/160GB)

### Ref.No.21/24 Optical

<b>DVD+/-RW</b>
1-797-062-11
DVD+-RW/P-108-F
<b>CD-ROM</b>
1-796-906-21
CD-ROM/SA-148-F

### **DVD+/-RW**

1-797-062-11
DVD+-RW/P-108-F
<b>DVD-ROM</b>
1-797-063-11
DVD-ROM/H-8163-F

### Ref.No.52 Graphics

<b>80GB SATA</b>
1-789-039-71
CARD, VGA (RADEON X300)

# CTO INFORMATION

## SUBSTITUTION PARTS LIST

If the repair part in the "BASIC PARTS LIST" was not available,  
refer to order the "SUBSTITUTION PARTS LIST" if available.

**VGC-RB39C (XP Home)**  
**VGC-RB39CP (XP Pro)**  
**VGC-RB39CB (XP Pro SMB)**

### Ref.No.4 Memory

256MB
6-600-427-01
DDR 256MB (M368L3223FUN-CCC)

512MB (256x2)
6-600-427-01
DDR 256MB (M368L3223FUN-CCC)

1GB (512x2)
6-600-426-01
DDR 512MB (M368L6423FUN-CCC)

### Ref.No.11 HDD

80GB SATA
1-796-189-11
HDD (M-CALYPSO-S/6Y080M0/80GB)
1-797-189-21
HDD (M-CALYPSO-S/6Y080M0/80GB)

160GB SATA
1-796-943-11
HDD (M-CALYPSO-S/6Y160M0/160GB)
1-796-943-21
HDD (M-CALYPSO-S/6Y160M0/160GB)
1-796-945-12
HDD (HG-VC3-S/HDS722516VLSA20/160GB)

### Ref.No.24 Optical

DVD-ROM
1-796-963-21
DVD-ROM/SA-616-F

### Ref.No.52 Graphics

80GB SATA
1-789-039-31
CARD, VGA (RADEON X300)



# CTO INFORMATION

## BASIC PARTS LIST

The parts in the "BASIC LIST" will be referred to as part list.

The part order should be taken place based on the part number in the list.

### VGC-RB49B

### VGC-RB49

### VGC-RB49P

### VGC-RB49G

#### Ref.No.2 CPU

<b>CEL/2.80GHz</b>
6-707-804-01 CPU(CEL/2.8G/7TN)

#### **CEL/3.06GHz**

6-708-137-01 CPU(CEL/3.06G/7TQ)
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#### **P4/3GHz**

6-707-377-01 CPU(P4/3GHz/530J)
6-708-141-01 CPU(P4/3GHz/630/0802M)

#### **P4/3.20GHz**

6-707-376-01 CPU(P4/3.20GHz/540J)
6-708-140-01 CPU(P4/3.2G/7Z8)

#### Ref.No.4 Memory

<b>256MB</b>
6-600-387-01 DDR 256MB (HYS64D32300HU-5-C)

#### **512MB (256MBx2)**

6-600-387-01 DDR 256MB (HYS64D32300HU-5-C)
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#### **1.0GB (512MBx2)**

6-600-388-01 DDR 512MB (HYS64D64320HU-5-C)
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#### **2.0GB (512MBx4)**

6-600-388-01 DDR 512MB (HYS64D64320HU-5-C)
---

#### Ref.No.11 HDD

<b>80GB SATA</b>
1-797-176-21 HDD (W-CVXL80SD2-S/WD800JD-98JNC0/80GB)

#### **160GB SATA**

1-797-077-21 HDD (W-CVXL80-2-S/WD1600JD-98HBC0/160GB)
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#### **200GB SATA**

1-797-076-21 HDD (W-CVXL80-2-S/WD2000JD-98HBC0/200GB)
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#### **250GB SATA**

1-797-075-21 HDD (W-CVXL80-2-S/WD2500JD-98HBC0/250GB)
--

#### **400GB SATA (200GBx2)**

1-797-076-21 HDD (W-CVXL80-2-S/WD2000JD-98HBC0/200GB)
--

#### **500GB SATA (250GBx2)**

1-797-075-21 HDD (W-CVXL80-2-S/WD2500JD-98HBC0/250GB)
--

#### Ref.No.21 Optical 1

<b>DVD+/-RW</b>
1-797-262-11 DVD+/-RW
None (available with DVD-ROM for Ref.No.24)

#### Ref.No.24 Optical 2

<b>DVD-ROM</b>
1-797-063-11 DVD-ROM/H-8163-F

#### **CD-ROM**

1-796-906-21 CD-ROM/SA-148-F
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#### Ref.No.52 Graphics

<b>RV370</b>
1-789-039-71 CARD, VGA (RADEON X300)

# CTO INFORMATION

## SUBSTITUTION PARTS LIST

If the repair part in the "BASIC PARTS LIST" was not available,  
refer to order the "SUBSTITUTION PARTS LIST" if available.

### VGC-RB49B

### VGC-RB49

### VGC-RB49P

### VGC-RB49G

#### Ref.No.2 CPU

<b>CEL/2.80GHz</b>
6-708-530-01 CPU(CEL/2.8G/7TW)

#### **P4/3GHz**

6-708-527-01 CPU(P4/3GHz/531/8HZ)
6-708-529-01 CPU(P4/3.06G/7TY)

#### **P4/3.40GHz**

6-708-525-01 CPU(P4/3.40GHz/551/8J5)
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#### Ref.No.4 Memory

<b>256MB</b>
6-600-427-01 DDR 256MB (M368L3223FUN-CCC)
6-600-425-01 DDR 256MB (V826632K24SCIW-D3)
6-600-435-01 DDR 256MB (EBD25UC8AKFA-5C-E)

#### **512MB (256MBx2)**

6-600-427-01 DDR 256MB (M368L3223FUN-CCC)
6-600-425-01 DDR 256MB (V826632K24SCIW-D3)
6-600-435-01 DDR 256MB (EBD25UC8AKFA-5C-E)

#### **1GB (512MBx2)**

6-600-426-01 DDR 512MB (M368L6423FUN-CCC)
6-600-428-01 DDR 512MB (V826664K24SCIW-D3)

#### **2GB (512MBx4)**

6-600-426-01 DDR 512MB (M368L6423FUN-CCC)
6-600-428-01 DDR 512MB (V826664K24SCIW-D3)

#### Ref.No.11 HDD

<b>80GB SATA</b>
1-797-176-11 HDD (W-CVXL80SD2-S/WD800JD-98HBB0/80GB)
1-797-189-22 HDD (6Y080M08271BA/80GB/7200)
1-797-260-11 HDD (6B080M00264BA/80GB/7200)

#### **160GB SATA**

1-796-945-12 HDD (HG-VC3-S/HDS722516VLSA20/160GB)
1-796-943-22 HDD (6Y160M02471BA/160GB)
1-797-077-11 HDD (W-CVXL-80-2-S/WD1600JD-98HBB0/160GB)
1-797-255-11 HDD (M-SBR-S/160GB)
1-796-945-21 HDD (HG-VC3-S/160GB)

#### **200GB SATA**

1-796-978-11 HDD (S-APLUS-S/ST3200822AS/200GB)
1-797-076-11 HDD (W-CVXL80-2-S/WD2000JD-98HBB0/200GB)
1-796-942-22 HDD (6Y200M02671BA/200GB)
1-797-088-11 HDD (M-SBR-S/6B200M00464BA/200GB)
1-797-263-11 HDD (SA-P120-S/SP2004C/200GB)

#### Ref.No.11 HDD

<b>250GB SATA</b>
1-796-918-12 HDD (HG-VC3-S/HDS722525VLSA80/250GB)
1-796-919-22 HDD (M-CALYPSO-S/7Y250M02671BD/250GB)
1-797-075-11 HDD (W-CVXL80-2-S/250GB)
1-797-087-21 HDD (M-SBR-S/7B250S00665BD/250GB)

#### **400GB SATA (200GBx2)**

1-796-978-11 HDD (S-APLUS-S/ST3200822AS/200GB)
1-797-076-11 HDD (W-CVXL80-2-S/WD2000JD-98HBB0/200GB)
1-796-942-22 HDD (6Y200M02671BA/200GB)
1-797-088-11 HDD (M-SBR-S/6B200M00464BA/200GB)
1-797-263-11 HDD (SA-P120-S/SP2004C/200GB)

#### **500GB SATA (250GBx2)**

1-796-918-12 HDD (HG-VC3-S/HDS722525VLSA80/250GB)
1-796-919-22 HDD (M-CALYPSO-S/7Y250M02671BD/250GB)
1-797-075-11 HDD (W-CVXL80-2-S/250GB)
1-797-087-21 HDD (M-SBR-S/7B250S00665BD/250GB)

#### Ref.No.24 Optical 2

<b>DVD-ROM</b>
1-796-963-21 DVD-ROM/SA-616-F
8-449-651-10 DVD-ROM/16X/48X/DDU1615-VF

## Revision History

Suffix	Ver.	Date	Contents	QM No.
-01	Ver.1	2005.01.29	First Edition	
-02	Ver.2	2005.06.08	△ <sup>1</sup> Model Lineup	FIT-D2005_095
-03	Ver.3	2005.07.13	△ <sup>2</sup> Model Lineup	FIT-D2005_108
-04	Ver.4	2005.08.04	Page 18	FIT-D2005_115
-05	Ver.5	2005.09.22	△ <sup>4</sup> Model Lineup	FIT-D2005_139
-06	Ver.6	2005.12.02	Quick Memo Reflection	FIT-D2005_149
<Remarks>				